

ABSTRACT

A method for operating a code cache in a dynamic instruction translator, comprising the steps of: storing a plurality of translations in a cold partition in a cache memory; maintaining a different associated counter for each of a plurality of 5 translations in the cold partition of the cache memory; incrementing or decrementing the count in the associated counter each time its associated translation is executed; and moving the translation to a hot partition in the cache memory if the count in the associated counter reaches a first threshold value.

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